Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Detailed Estimated for Asphalting to Main and cross roads in Janatha Colony, Abbigere, in Ward no. 12, in Shettyhalli Sub-Division, Under 22.75% Grants.

Est.Cost Rs 20.00 Lakhs

Sl. No.	Description of Items	Unit	No.	L.	B.	D	Qty.	Rate	Amount
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
1	KSRB 2-1.2: Earthwork in surface excavation in Hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.2/ PWD SR 2013-14	Cum							
	For Damaged Portion		1	91.00	4.00	0.25	91.00		
			1	52.00	4.50	0.25	58.50		
			1	33.00	4.50	0.25	37.13		
							186.63	177.12	**33055.00**
	Basic Rate	164.00							
	Area Weightage 8%	13.12							
		177.12							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications. MORTH Specification No. 406 Page No. 170/ Item No. 20.18/ PWD SR 2013-14								
	For Damaged Portion		1	91.00	4.00	0.30	109.20		
			1	52.00	4.50	0.30	70.20		
			1	33.00	4.50	0.30	44.55		
	Road Cutting Portion for Water Supply & UGD Line		2	468.00	0.90	0.60	505.44		
	House Connection		148	6.00	0.90	0.45	359.64		
	Sanetary Pitt		4	7.00	0.90	0.45	11.34		
							1100.00	1121.04	**123314**
	Basic Rate	1038.00							
	Area Weightage 8%	83.04							
		1121.04							

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3	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 175/ Item No. 21.2/ PWD SR 2013-14								
	Abbigere Janatha colony 1st cross	Sqm	1	370.00	(6.5+6.0)/2		2312.50		
	2nd cross		1	98.00	5.00		490.00		
							2802.50	2.59	**7264.00**
	Basic Rate	2.40							
	Area Weightage 8%	0.19							
		2.59							
4	KSRRB 500-10 : Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications using bitumen emulsion. MORTH Specification No.503 (Page No.176, Item No. 21.10.1/ PWD SR 2013-14								
	1st cross road	Sqm	1	370.00	(6.5+6.0)/2		2312.50		
	2nd cross road		1	98.00	5.00		490.00		
							2802.50	11.99	**33596.00**
	Basic Rate	11.10							
	Area Weightage 8%	0.89							
		11.99							
5	KSRRB M500-18: Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% Bitumen 80/100 grade (Grading II) Page No. 178/ Item No. 21.20.1/ PWD SR 2013-14								
	1st cross road	Cum	1	370.00	(6.5+6.0)/2	0.025	57.81		
	2nd cross road		1	98.00	5.00	0.025	12.25		
							70.06	9631.44	**674803.00**
	Basic Rate	8,918.00							
	Area Weightage 8%	713.44							
		9631.44							

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	KSRRB 400-1.3: Carriage of mixed materials 10 Kms, For items of Sl.no 1.c) rs. 5.20 per cum/km. Page no 186/ PWD SR 2013-14							70.06		
	Qty vide item No. 3	Cum						70.06	56.16	393
	Basic Rate	52.00								
	Area Weightage 8%	4.16								
		56.16								
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead **10 Km** a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. **2.00** Tonne/Km b)Average earth of work **1.28** Tonne/Km for Rs. **2.00**/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. **62.20** (P.150, I.no.18.57/1, PWD SR 2013-14)	Cum						186.63		
	Qty Vide Item No=1+3							186.63	72.71	1356
	Qty Limited to	5.12								
	Basic Rate (Rs.2.0 x 1.28 x 2 kms)	62.20								
	Loading and Unloading Charges	**67.32**								
	Area Weightage 8%	5.39								
	Total	**72.71**								634
8	Miscellaneous and other unforseen charges								**Total**	**20000**
	(Rupees Twenty Lakhs Only)									

CERTIFICATE

1 The work sport has been inspected and the work found to be necessary
2 This estimate is prepared as per the PWD S.R of 2013-14
3 The provisions made in estimate are adequate and essential
4 This area comes under BBMP limits

Ravi. N. K
Asst. Engineer
Ward No-12

Asst. Executive Engineer
Chettyhalli Sub Division
BBMP

Executive Enginee
Dasarahalli Zone
BBMP

A/S

JC(DH) AS 238/13-14 ದಿನಾಂಕ : 30/10/13
ರೂ. 20.00 lakhs (Rupees Twenty lakhs only)
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
Page No 229
Sl. No 238
ಸಹಿ/- ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಹದೇವಪುರ ವಲಯ, ಬೆಂಗಳೂರು.

EE/DD/T.S/130/13-14 ದಿನಾಂಕ : 30/10/13
ರೂ. 20.0 lakhs
(Twenty lakhs)
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ
P.29
S.L.No-130
ಸಹಿ/- ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಹದೇವಪುರ ವಲಯ, ಬೆಂಗಳೂರು.

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